

## Unit 4 Lesson 1 Homework

**Practice 4-1 Divisibility and Factors****Practice**

List all the factors of each number.

1. 12 \_\_\_\_\_
2. 45 \_\_\_\_\_
3. 41 \_\_\_\_\_
4. 54 \_\_\_\_\_
5. 48 \_\_\_\_\_
6. 100 \_\_\_\_\_
7. 117 \_\_\_\_\_

Test whether each number is divisible by 2, 3, 5, 9, and 10.

- |                 |                 |
|-----------------|-----------------|
| 8. 215 _____    | 9. 432 _____    |
| 10. 770 _____   | 11. 1,011 _____ |
| 12. 975 _____   | 13. 2,070 _____ |
| 14. 3,707 _____ | 15. 5,715 _____ |

Write the missing digit to make each number divisible by 9.

16.  $7\boxed{\phantom{0}}1$                       17.  $2,2\boxed{\phantom{0}}2$                       18.  $88,\boxed{\phantom{0}}12$

19. There are four different digits which, when inserted in the blank space in the number  $4\boxed{\phantom{0}}5$ , make the number divisible by 3. Write them.

\_\_\_\_\_

20. There are two different digits which, when inserted in the blank space in the number  $7,16\boxed{\phantom{0}}$ , make the number divisible by 5. Write them.

\_\_\_\_\_

21. There are five different digits which, when inserted in the blank space in the number  $99,99\boxed{\phantom{0}}$ , make the number divisible by 2. Write them.

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